

ABSTRACT

Embodiments include an infusion-occlusion system having a delivery catheter, a guide catheter adapted to receive the delivery catheter, and a guidewire with an occlusion device adapted to be received within the guide catheter. The guide catheter of the catheter kit may be provided with an occlusion device at the distal end of the guide catheter. The delivery catheter may have an accessory lumen, coaxial and/or co-linear lumen, a supporting mandrel, and/or an occlusion device at its distal end. Moreover, according to embodiments, occlusion devices may be a single material or a composite balloon having an inner liner and an outer layer of different materials, a high compliance low pressure balloon, and/or a filter device that restricts particles from passing through but does not restrict fluid, such as blood. An inflation device with a large volume and low volume syringe can be used to inflate the balloon.